

Title (en)

METHOD OF DETERMINING A DIRECTIONAL CHANGE DURING VEHICLE NAVIGATION, APPARATUS FOR CARRYING OUT SUCH A METHOD, AND VEHICLE COMPRISING SUCH AN APPARATUS

Title (de)

VERFAHREN ZUR BESTIMMUNG EINER RICHTUNGSÄNDERUNG WÄHREND DER FAHRZEUGNAVIGATION, VORRICHTUNG ZUR DURCHFÜHRUNG DIESES VERFAHRENS UND FAHRZEUG MIT EINER SOLCHEN VORRICHTUNG

Title (fr)

DETERMINATION DE CHANGEMENT DE DIRECTION D'UN VEHICULE EN NAVIGATION, DISPOSITIF DE MISE EN UVRE ET VEHICULE EQUIPE DU DISPOSITIF

Publication

EP 0715749 A1 19960612 (EN)

Application

EP 95921094 A 19950622

Priority

- EP 95921094 A 19950622
- EP 94201915 A 19940704
- IB 9500509 W 19950622

Abstract (en)

[origin: WO9601462A1] A method of determining a directional change of a vehicle carries out dead-reckoning for which it utilizes sensors provided on two wheels. In order to compensate for differences between the wheels, the method utilizes given parameters in processing the data from the wheel sensors. The invention provides an extension of the method by estimating the parameters during normal operation of the vehicle, so that they are adapted to changing circumstances encountered by the vehicle. Estimation is performed by comparing data from the wheel sensors with independently determined directional data for a given period of time.

IPC 1-7

G08G 1/0968; **G01C 21/20**

IPC 8 full level

G09B 29/00 (2006.01); **G01C 21/00** (2006.01); **G01C 21/20** (2006.01); **G01C 21/26** (2006.01); **G01C 22/00** (2006.01); **G01C 22/02** (2006.01); **G08G 1/0968** (2006.01); **G08G 1/0969** (2006.01)

CPC (source: EP KR US)

G01C 21/26 (2013.01 - EP US); **G01C 22/025** (2013.01 - EP US); **G08G 1/0968** (2013.01 - KR)

Citation (search report)

See references of WO 9601462A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9601462 A1 19960118; DE 69526410 D1 20020523; DE 69526410 T2 20030116; EP 0715749 A1 19960612; EP 0715749 B1 20020417; JP 3325578 B2 20020917; JP H09502806 A 19970318; KR 100352050 B1 20060327; KR 960705292 A 19961009; US 5908466 A 19990601

DOCDB simple family (application)

IB 9500509 W 19950622; DE 69526410 T 19950622; EP 95921094 A 19950622; JP 50376196 A 19950622; KR 19960701150 A 19960304; US 49453295 A 19950628